

## Standard Form, Normal Standard, Shaped & Special Shaped High Alumina Brick Aluminium Fire Brick For Cement Factory

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: SK35, SK36,SK37, SK38, SK40
- Minimum Order Quantity: 1 Ton
- Price: 200-800USD
- Packaging Details: packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 20-30DAYS
- Payment Terms: TT; L/C
- Supply Ability: 2000tons /month



### Product Specification

- Abrasion Resistance: High
- Chemical Resistance: High
- Color: Red
- Compressive Strength: High
- Density: High
- Flexural Strength: High
- Material: High Alumina Refractory Brick
- Melting Point: High
- Porosity: Low
- Refractoriness: High
- Shape: Rectangular
- Size: Standard
- Thermal Conductivity: Low
- Thermal Expansion: Low
- Thermal Shock Resistance: High



### More Images



### Product Description

#### Product Description of Standard Form, Normal Standard, Shaped & Special Shaped High Alumina Brick Aluminium Fire Brick For Cement Factory

High alumina brick is a kind of neutral refractory with alumina content above 48%. It is formed by shaping and calcining bauxite or other raw materials with high alumina content. High thermal stability and fire resistance above 1770 .

Our Product Introduction



#### Product Feature of Standard Form, Normal Standard, Shaped & Special Shaped High Alumina Brick

- 1.Low bulk density,low thermal conductivity, good thermal insulation performance.
2. Refractory category allow direct contact of fire,suitable for various atmosphere
- 3.Good integrity with furnace lining,long service life,easy operation, could be shaped freely
- 4.Product specification:standard form, normal standard,shaped and special shaped bricks.
5. Can be used in various kilns because of its cheapness and general tray package. Among all of the refractory materials, it is the most widely used.

#### Provide OEM/ODM Service

- 1.Trade Assurance
- 2.Get Full Protection for Your Orders
- 3.100% Product quality protection 100% On-time shipment protection 100% Payment protection

#### Product Application of High Alumina Brick

High alumina bricks, composed primarily of  $Al_2O_3$ , are widely utilized in various high-temperature industrial applications due to their exceptional properties:

**Blast Furnaces:** High alumina bricks line the interior of blast furnaces in the steel industry, providing excellent resistance to high temperatures and chemical corrosion.

**Rotary Kilns:** They are used to line the interior of rotary kilns in cement plants, ensuring durability and thermal stability in the clinker production process.

**Glass Melting Furnaces:** High alumina bricks play a crucial role in maintaining high temperatures required for glass production, making them essential in the glass industry.

**Petrochemical Industry:** These bricks are employed in various petrochemical applications, including the lining of reactors, providing resistance to extreme temperatures and chemical reactions.

**Non-Ferrous Metals Smelting:** High alumina bricks are vital in the smelting processes of non-ferrous metals like aluminum, copper, and nickel.

**Incinerators and Boilers:** They find application in waste incinerators and boilers due to their ability to withstand high temperatures and corrosive environments.

**Refractory Insulation:** High alumina bricks are used as insulating linings in heat-treating furnaces, providing effective thermal insulation.

**Fireplaces and Wood Stoves:** In residential settings, these bricks are employed in the lining of fireplaces and wood-burning stoves for their ability to withstand high temperatures.

#### Product Specification of High Alumina Brick Aluminium Fire Brick For Cement Factory

Item	Index			
International Code Name	SK35	SK36	SK37	SK38
Chinese Code Name	LZ-48	LZ-55	LZ-65	LZ-75
$Al_2O_3$ ,%	248	[ 255	265	[ 275
$Fe_2O_3$ ,%	s2	s2	s2	s2
Refractoriness' min	1750	1770	1790	1790
Apparent Porosity,%	[ s22	[ s22	s23	[ s23
Bulk Density,g/cm <sup>3</sup>	2.25-2.35	2.25-2.35	2.25-2.35	2.25-2.35
Cold Crushing Strength Mpa	239	244	249	[ 254
0.2Mpa Refractoriness Under Load T0.2℃min	21420	21470	21500	21520



Henan Rongsheng Xinwei New Materials Research Institute Co., Ltd



+86-18538509097



Jackyhan2023@outlook.com



[bricksrefractory.com](http://bricksrefractory.com)

11th Floors, Building 6, China Central Electronic Commerce Port, Daxue Road, Zhengzhou, Henan, China